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APPLICANT : FUJI PHOTO FILM CO LTD;

INVENTOR : KUBODERA SEIICHI;

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TITLE : DYESTUFF FIXING MATERIAL

ABSTRACT : PURPOSE: To attain the light-resistance and preservation stability of a dyestuff image, by providing a specific oxygen barrier layer on a paper substrate, by adding further an oxidation inhibitor thereto, and by providing a dyestuff fixing layer accepting subliming dye, hot-melt ink or a dyestuff solution.

CONSTITUTION: An oxygen barrier layer whose oxygen permeability at 20°C and in relative humidity of 40% is 2ml/m².hr.atm or below is provided on a paper substrate. Moreover, an oxidation inhibitor is added thereto. A polyolefin layer is provided on one side of the paper, while the oxygen barrier layer, a polyolefin layer and a dyestuff fixing layer are provided in this sequence on the other side thereof. It is also possible to provide the polyolefin layer on one side of the paper and to provide the polyolefin layer, the oxygen barrier layer and the dyestuff fixing layer in this sequence on the other side thereof. As to a polymer as a binder constituting the oxygen barrier layer, a homopolymer and a copolymer of vinyl alcohol are preferable, in particular. The oxidation inhibitor may be added to any layer in a dyestuff fixing material, such as a protective layer, the dyestuff fixing layer or a substrate layer. It is preferable, in particular, to add it to the dyestuff fixing layer.

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